

HDMI EXTENDER

HDMI Extender Over Single Cat6 Cable
with IR and PoE-Enabled, 120m

Model: MN-H-C5-8211



FEATURES

- Transmits an HDMI signal to distances up to 394 feet (120 meters) over an single Cat6 Ethernet cable
- Supports HDMI resolutions up to 1080p@60Hz
- Supports the IEEE 802.3af Power over the Ethernet (PoE) feature
- Supports up to 254 receivers and connected displays per transmitter
- Can be operated over an existing Ethernet network
- Uses the MN-H-C5-8211 transmission protocol
- Fully supports HDCP

SPECIFICATIONS

Video Standard	HDMI® with HDCP
Maximum Video Resolution	1080p@60Hz
Transmission Protocol	MN-H-C5-8211
Maximum Transmission Distance	394 feet (120 meters) using Cat6 cable 328 feet (100 meters) using Cat5e cable 262 feet (80 meters) using Cat5 cable
IR Extender Bandwidth	20 ~ 60 kHz
Maximum Transmitter Power Consumption (each)	35 watts
Maximum Receiver Power Consumption (each)	3 watts
Power Source	5 VDC, 1A AC power adapters IEEE 8023af Power over Ethernet (PoE)
Operating Temperature	+32 - +140°F (0 *- +60°C)
Dimensions (each)	4.7 x 3.7" x 0.9" (105 x 95 x 24 mm)
Transmitter Weight	8.6 oz. (245g)
Receiver Weight	8.6 oz. (243g)



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PRODUCT OVERVIEW

Transmitter



1. Reset: Button for restarting the transmitter.
2. HDMI Input: HDMI® connector for connecting the video source device.
3. IR Out: 3.5mm jack for connecting the IR transmitter.
4. DC 5V: DC barrel connector for attaching the included AC power adapter.
5. Power LED: Illuminates when power is applied.
6. MN-H-C5-8211: RJ45 connector for attaching the Ethernet cable.
7. Data Transmission LED: The LED flashes slowly when a connection is being established, then flashes rapidly when successfully connected and transmitting data.
8. Connection LED: The LED illuminates when there is a solid connection with the receiver.

Receiver



1. Reset: Button for restarting the receiver.
2. HDMI Output: HDMI® connector for connecting the video display.
3. IR In: 3.5mm jack for connecting the IR receiver.
4. DC 5V: DC barrel connector for attaching the included AC power adapter.
5. Power LED: Illuminates when power is applied.
6. MN-H-C5-8211: RJ45 connector for attaching the Ethernet cable.
7. Data Transmission LED: The LED flashes slowly when a connection is being established, then flashes rapidly when successfully connected and transmitting data.
8. Connection LED: The LED illuminates when there is a solid wireless connection with the transmitter.